

# Weekly Metrics for October 15 - 21, 2006

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
Aura (7/04)	HIRDLS	L0 Ingest	GES DAAC	6	1x Baseline	7	
		L1 Prod	SIPS	5	1x Baseline	0	F
		Archive	GES DAAC	11	1x Baseline	7	F
		Distribution	GES DAAC				
		<i>Production</i>				7	
		<i>End Users</i>		6	1x Baseline	15	G, N
	MLS	L0 Ingest	GES DAAC	8	1x Baseline	11	
		L1 Prod	SIPS	26	1x Baseline	38	F
		L2-3 Prod	SIPS	1	1x Baseline	4	F
		Archive	GES DAAC	35	1X Baseline	52	
		Distribution	GES DAAC				
		<i>Production</i>				0.4	
		<i>End Users</i>		27	1x Baseline	18	G, N
		<i>Data Pool</i>				7	R
	OMI	L0 Ingest	GES DAAC	57	1x Baseline	55	
		L1 Prod	SIPS	152	1x Baseline	60	F
		L2-3 Prod	SIPS	209	1x Baseline	49	F
		Archive	GES DAAC	478	1x Baseline	164	
		Distribution	GES DAAC				
		<i>Production</i>				127	
		<i>End Users</i>		630	1x Baseline	122	G, N
		<i>Data Pool</i>				41	R
	TES	L0 Ingest	ASDC	231	1x Baseline	67	
		L1 Prod	SIPS	210	1x Baseline	45	
		L2-3 Prod	SIPS	4	1x Baseline	11	
		Archive	ASDC	245	1x Baseline	125	
		Distribution	ASDC				
		<i>Testing/QA</i>		32		66	
		<i>Production</i>				0	
		<i>End Users</i>		214	1x Baseline	78	G, N
		<i>Data Pool</i>				2	R, X
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest	GES DAAC	0.9	1x Baseline	0.9	
		Archive	GES DAAC	0.9	1x Baseline	0.9	
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	42	H
		L1 Prod	SIPS	115	1x Baseline	409	H
		L2-3 Prod	SIPS	43	1x Baseline	25	H
		Archive	NSIDC	199		476	H
		Distribution	NSIDC				
		<i>End Users</i>		161	Various	543	G, N
		<i>Data Pool</i>				68	R
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	126	
		L1 Prod	GES DAAC	1,211	Various	158	M
		L2 - 3 Prod	GES DAAC	213	3.045x Baseline	88	M
		Archive	GES DAAC	1,522	Various	372	M
		Distribution	GES DAAC				
		<i>Testing/QA</i>		99		1,696	
		<i>Production</i>				300	
		<i>End users</i>		471	Various	580	G, N
		<i>Data Pool</i>				356	R
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	9	B
		L1 Ingest	NSIDC	28	Various	10	B
		L2-L3 Prod	GHRC	77	3.045x Baseline	196	C

		Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	NSIDC NSIDC	114  35	Baseline  1.015x Baseline	215  125 838 367	C  G, N R
	CERES	Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC ASDC	496  1,421 109	Various  IT Requirements 1.015x Baseline	TBD  TBD TBD	See Footnote Q
	MODIS	L0 Ingest  L1 Prod  L2-L4 Prod Archive   Distribution <i>Testing/QA</i> <i>End User</i> <i>Data Pool</i> Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i> <i>Data Pool</i> Distribution <i>End User</i> <i>Data Pool</i> Distribution <i>End User</i>	GES DAAC MODAPS GES DAAC MODAPS MODAPS LP DAAC GES DAAC NSIDC MODAPS LP DAAC  GES DAAC  NSIDC  MODAPS	518  7,569  12,789 7,034 12,989 853  23 2,345  362  4,157  284	1x Baseline  Various  3.045x Baseline Various (L2-L4) Various (L0-L4) Various (L2-L3) Various (L0-L3)  IT Requirements 1.015x Baseline  IT Requirements  1.015x Baseline  1.015x Baseline	0 743 625 189 390 247 674 12 1,013  0 205 3  0 590 489 161  8 0.3  3,361	X  M  L, M, P M L, M, P M, P  V G, N, V R, V  G, N R  G, N R  Y
METEOR 3M (12/01)	SAGE III	Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC ASDC	0.9  0.02	Various  1.015x Baseline	0  0 0 7	D, W  G, N R
ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D
	ASTER	L1A Ingest L1B Ingest L1B Archive L2-L3 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	LP DAAC LP DAAC LP DAAC LP DAAC LP DAAC LP DAAC	680 271 271 1,221 2,173  1,221	1x Baseline 1.015x Baseline 1.015x Baseline 3.045x Baseline Various  1.015x Baseline	344 8 49 0 394  1 1,824 7	E E E E E  V G, N, V R, V
	CERES	Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC ASDC	357  1,421 119	Various  IT Requirements 1.015x Baseline	TBD  TBD TBD	See Footnote Q
	MISR	L0 Ingest L1 Prod L2-L3 Prod Archive Distribution <i>Testing/QA</i> <i>Production</i>	ASDC ASDC ASDC ASDC ASDC	249 3,359 285 3,894  137	1x Baseline Various 3.045x Baseline Various  IT Requirements	257 3,115 318 4,966  190 153	K

Terra (12/99)		<i>End Users Data Pool</i>		1,215	1.015x Baseline	3,411 4	G, N R
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	0	X
		L1 Prod	MODAPS GES DAAC	7,570	Various	3,387 0	
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	2,291	
		Archive	MODAPS LP DAAC	7,034	Various (L2-L4)	10,865 3,647	L, M, P M, P
			GES DAAC	12,990	Various (L0-L4)	0	L, M, P
			NSIDC	853	Various (L2-L3)	122	M, P
			MODAPS		Various (L0-L3)	7,096	
		LP DAAC					
		Distribution <i>Testing/QA</i> <i>End Users</i> <i>Data Pool</i>		23 2,345	IT Requirements 1.015x Baseline	0 7,760 1,014	V G, N, V R, V
MOPITT	MOPITT	Distribution <i>Testing/QA</i> <i>Production</i> <i>End users</i> <i>Data Pool</i>	GES DAAC	362	IT Requirements	1 1,147	
		Distribution <i>End Users</i> <i>Data Pool</i>		4,157	1.015x Baseline	2,995 190	G, N R
		Distribution <i>End Users</i> <i>Data Pool</i>	NSIDC	284	1.015x Baseline	161 0.6	G, N R
		Distribution <i>End User</i>	MODAPS			1,388	Y
		L0 Ingest	ASDC	2	1x Baseline	2	
		L1 Prod	SIPS	2	Various	0	I
		L2 Prod	SIPS	2	3.045x Baseline	0	I
		Archive	ASDC	6	Various	2	I
		Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC			2 8 4	
				1	1.015x Baseline		G, N R
TRMM (8/97)	PR	L0 Ingest	GES DAAC		N/A	0	
		L1 Prod	TSDIS	See Footnote U	N/A	14	
		L2 - 4 Prod	TSDIS		N/A	4	
		Archive	GES DAAC		N/A	21	
	TMI	L0 Ingest	GES DAAC		N/A	0	
		L1 Prod	TSDIS	See Footnote U	N/A	3	
		L2 - 4 Prod	TSDIS		N/A	1	
		Archive	GES DAAC		N/A	4	
ADEOS-II (12/02)	VIRS	L0 Ingest	GES DAAC		N/A	0	
		L1 Prod	TSDIS	See Footnote U	N/A	14	
		L2 - 4 Prod	TSDIS		N/A	0.1	
		Archive	GES DAAC		N/A	22	
Jason-1 (12/01)	SeaWinds AMSR	Archive (L0+) Distribution	PO DAAC PO DAAC				J
QuikScat (6/99)	Poseidon 2	Archive (L0+) Distribution	PO DAAC PO DAAC	NA	NA	9	J
TOPEX (8/92)	SeaWinds	Archive (L0+) Distribution	PO DAAC PO DAAC	109	Weekly Average	308	J
Other Missions	Poseidon	Archive (L1+) Distribution	PO DAAC PO DAAC	24	Weekly Average		J
	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA		J

Notes:

- A. No significant reprocessing was done, since major reprocessing was completed on June 20, 2004.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirements is in process. L1 products are processed in Japan and sent to the US.
- C. Includes forward processing of current data (October 10 - 17) and about 171 GB of L2A data from 2003 and 2004.
- D. This instrument data are not transferred to DAAC on a daily basis.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and 10tonfrogs!the actual volumes may be significantly different from requirements. In June 2003, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. Volume reported here represents what has been archived at DAAC. SIPS production volume could be different.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- H. Since November 19, 2003, GLAS laser operates during intermittent observing periods to conserve laser power. Only the raw data product is delivered on a daily basis to the DAAC.
- I. Archival volumes for MOPII L1-L2 at LaRC products are dependent on MOPITT SIPS production schedule.
- J. A total of 225.4 GB were distributed (225.4 GB through anonymous FTP and 0.9 GB through Web download)..
- K. Includes 1,276 GB of ancillary data.
- L. Actual volume does not include the MODIS ocean color products processed at SeaDAS (SeaWIFS Data Analysis System).
- M. Very little or no reprocessing was done.
- N. Does not include the distribution by Data Pool.
- O. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
- P. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule. Values reported here represent what have been archived at DAACs. MODAPS production volume could be different.
- Q. No information is available.
- R. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- S. Represents archival volume at GSFC V0 DAAC.
- T. TES instrument activities were suspended from 9/14/05 to 9/30/05. No Level-0 data was obtained during that period.
- U. Storage requirements for TRMM instruments are not available.
- V. Represents the distribution metrics captured in EDGRS database. Actual distribution by LP DAAC could be higher.
- W. SAGE 3 had a power problem and no new data has been received after March 3, 2006. The data volumes reported here are those for the reprocessed data products.
- X. Level 0 product is no longer ingested and archived at GES DAAC, starting from September 2006.
- Y. Represents the FTP pull distribution volume. It does not include the FTP push and web downloads.

*\* Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1 <sup>st</sup> year after launch	2 <sup>nd</sup> year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.